



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBE105-31702W19-17
Job Sheet 198231



Part No: RBE105-31702W19-17

Job Qty: 1 pcs

Part Name: Handle Base

Status: New

Priority: Medium

Part Weight: 0 lbs

Job Created: 7/24/19

Due Date: 8/30/19

Type: SOLD

Job Tracking No:

Created By: Marie Lajeunesse

Description:

Note: DWG RBE105-31702W19 Rev 2 IPP Rev. A 19.07.22 New issue DP Verify DD
Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	NLX 2500SY - 1	1 pcs	8/30/19	8/30/19	1.00	1.33	NLX 2500SY - 1		
110	QC 2	1 pcs	8/30/19	8/30/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		



Dart Aerospace Ltd.
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S206147



Part: RBE105-31702W19-17

Job No: 198231

Serial No/Batch: S206147

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 08/15/19

120	QC 8	1 pcs	8/30/19	0.00 0.00	QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	DA 19-08-16
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
130	Outsource - 13 - Zinc Plating	1 pcs	8/30/19		GRO002-VC	DA 2019-08-19
140	Packaging 2-1 - Receive - B4B	1 pcs	8/30/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	DP AUG 27 2019
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
150	QC 6	1 pcs	8/30/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					Plex 7/24/19 8:29 AM	Dart.lajeunesse.marie

160 Packaging 3-1 - Stock - B4B 1 pcs	8/30/19	0.00 0.00	QC 6 - 40	
			QC 6 - 81	
			Packaging 3 - 1 - B4B	
			Packaging 3 - 2 - B4B	
			Packaging 3 - 3 - B4B	
			Packaging 3 - 4 - B4B	
			Packaging 3 - 5 - B4B	
			Packaging 3 - 6 - B4B	
			Packaging 3 - 7 - B4B	
			Packaging 3 - 8 - B4B	
			Packaging 3 - 9 - B4B	
			Packaging 3 - 10 - B4B	
			Packaging 3 - 11 - B4B	
			Packaging 3 - 12 - B4B	
			Packaging 3 - 13 - B4B	
			Packaging 3 - 14 - B4B	
			Packaging 3 - 15 - B4B	
			Packaging 3 - 16 - B4B	
			Packaging 3 - 17 - B4B	
			Packaging 3 - 18 - B4B	
			Packaging 3 - 19 - B4B	
			Packaging 3 - 20 - B4B	
			Packaging 3 - 21 - B4B	
			Packaging 3 - 22 - B4B	
			Packaging 3 - 23 - B4B	
			Packaging 3 - 24 - B4B	
			Packaging 3 - 25 - B4B	
			Packaging 3 - 26 - B4B	

170 QC 21 - SA	1 pcs	8/30/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	

Part Op 100 - 1-Machine as per folio FC 913 FOLIO REV: 4A DWG REV: 2 2-Debut

Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB
120 - QC8- Inspect parts - second check
130 - -Issue P/O : 44285 -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 4140 -Certificate of Conformity is required
140 - (Receive & Inspect for Damage & Mat'l Certs) Certificate of Conformity is required
150 - QC6- All purchased or subcontracted products
160 - Identify as per dwg & Stock Location:
170 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R2.500	AISI 4140 Quenched &Tempered Steel Round Bar 2.500" Dia.	.1060 ft (.106 ea)	100-NLX 2500SY - 1	5126179

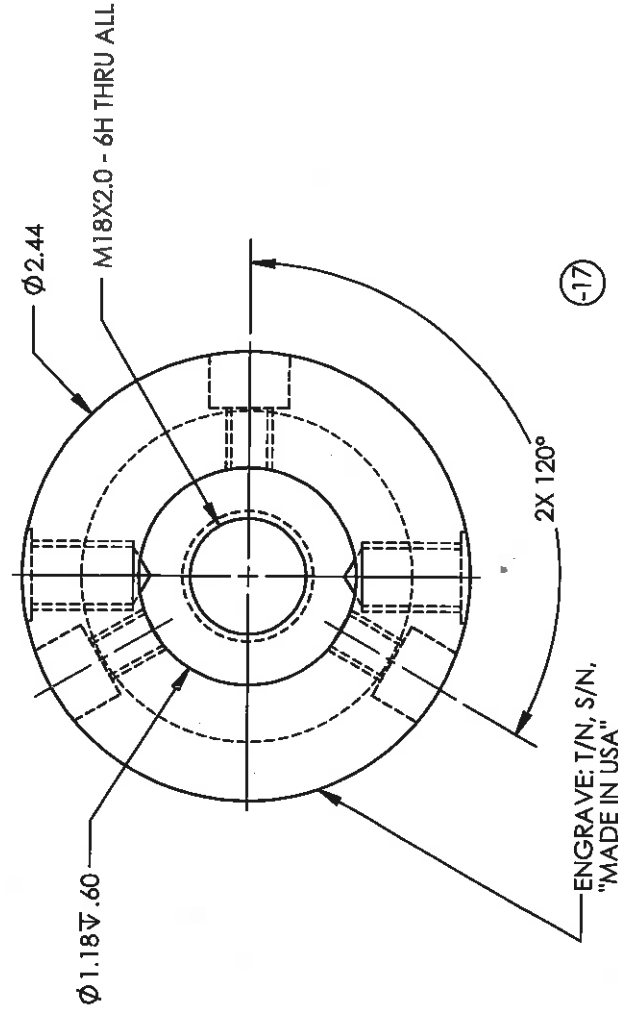
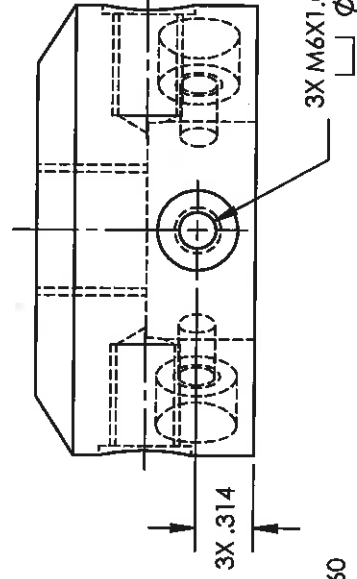
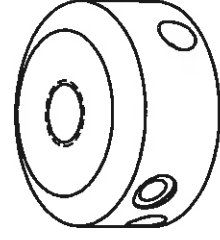
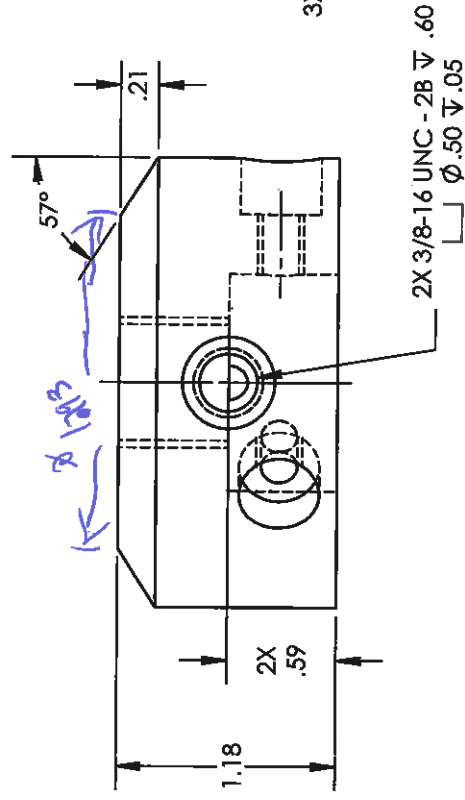
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-NLX 2500SY - 1	MT-4140QT-R2.500	0	6	0

Part Specifications	
Specifications could not be found.	

NCR No. _____		Route update only ☐			
Job: _____ Part No. _____		DEPARTMENT/PROCESS			
DISPOSITION		DEPARTMENT/PROCESS			
Rework ☐ Scrap ☐ Use-as-is ☐		Cross tube ☐ Small Fab ☐ Finishing ☐ Skid-tube ☐ Machining ☐ Large Fab ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____			
Description Work Order Deviation		Disposition			
Root Cause Operator Manufacturing Process Equip/Tooling Handling/Preservation Material Product Improvement Process Improvement Human Factors		FAULT CATEGORY Pressure/Forced Bending Crushing Cracks Crimp/Kink/Ripple/Wave/Twist Marks/Chatter Mislabeled Other/Details: Contamination Misaligned/off center BOM/Route Broken/Damage/Defect Incomplete/Unclear Instructions Drill Holes Fit/Function Power Loss/Surge Folio/Program Grain Direction Weld Wrong Stock Pulled Out of Sequence Off-set/Set-up Positioned Wrong Outside Tolerance Drawing Finish Part Lost/Missing Misread			
				Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0065	*17 CHD MATERIAL WAS 4140 Q&T IS 4140/4142 Q&T. CHD FINISH WAS CAD PLATE YELLOW IS ZINC PLATE, SPEC. ASTM B633 TYPE I SC2.	2/5/2016	RJC	SM



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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 198231M15
1987-28

ART

TITLE	MOUNTING TOOL		REV	2
DWG NO.	RBE105-31702W19-17		UNLESS OTHERWISE SPECIFIED	
MAT'L 4140/4142 Q & T			DIMENSIONS IN INCHES	
FINISH			FRACTIONS $\frac{1}{16}$	
ZINC PLATE			XXX $\pm$.005	
SPEC ASTM B833 TYPE1 SC 2			X $\pm$.01	
DRAWN BY: SMITH			ANGLES $\pm$ 8°	
CHECKED: CLOUGH			1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON			.016 X .45" OR .016R	
QA APPR: LINDSAY			2. DIMENSIONAL LIMITS APPLY	
APPROVED: MACKOVJAK			3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
SCALE 1:1	DATE 9/25/2013		USED ON MODEL EC145	
				SHEET 0 OF 11

HANDLE BASE



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB044285



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044285
PO Date: 8/19/19
Due Date: 8/27/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pynt Terms: Net 60
Freight Terms:
Special Comments:

E-MAILED
2019-08-20

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	198231	RBE105-31702W19-17	Handle Base -Issue P/O : -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/27/19	6 pcs	0 pcs	6 pcs	\$5.625/pcs	\$33.75
2	198226	RBE1X56-136-393-3	Spanner Bolt -Issue P/O : -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/27/19	10 pcs	0 pcs	10 pcs	\$5.625/pcs	\$56.25
3	197392	RBA9963	Barrel Wrench -Issue P/O : -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; Black -Material type; 4140 -Certificate of Conformity is required	Firmed	-	8/27/19	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00

Grand Total: \$240.00

DAS
40
9-89

DP

DP

DP



Dart Aerospace Ltd.
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Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB044285



Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)

- A022 Apical Processing
- A024 process certifications
- A026 certification of material conformance

- A041 quality management system
- A042 dart notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/20/19 4:23 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance
(021668-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip
021668 - 1

Livré à / Ship to
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
21-Aug-2019		Jigar Patel		POHB044285				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBE105-31702W19-17 Rev.	RBE105-31702W19-17 ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE - 1, SC - 2 0.0003 "	ZINC CH	6	6	0	0	0
2	RBE1X56-136-393-3 Rev.	RBE1X56-136-393-3 ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE - 1, SC - 2 0.0003 "	ZINC CH	10	10	0	0	0
3	RBA9963 Rev.	RBA9963 ZINC BLACK [ZINC BLACK] ASTM B633 TYPE - 2, SC - 2 0.0003 "	ZINC CH	1	1	0	0	0

RECEIVED
AUG 21 2019
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

3 Boxes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Je- JAY

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.
We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.